

REMARKS

In accordance with the foregoing, the specification and claims 1, 5, 9, and 19 are amended. In order to respond to the Notice of Non-Compliant Amendment, claim 5 has been amended to strike through more than five characters. Accordingly, claims 1, 3-5, 7-11 and 13-19 are pending and under consideration.

Rejection of Claims 1, 3-5, 7-11 and 13-19 Under 35 U.S.C. §103(a)

The Office Action rejects claims 1, 3-5, 7-11 and 13-19 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,065,053 issued to Nouri et al. (hereinafter referred to as "Nouri") in view of U.S. Patent No. 7,181,517 issued to Iavergne et al. (hereinafter referred to as "Iavergne") and further in view of U.S. Patent No. 6,425,000 issued to Carmello et al. (hereinafter referred to as "Carmello"). This rejection is respectfully traversed.

Nouri, Iavergne, and Carmello, taken separately or in combination, do not disclose, teach, or suggest at least, "a remote control server to communicate with the remote user terminal through an Internet, the remote control server comprising:... a server controlling unit to read out the proper telephone number of the electronic appliance from the telephone number database according to a selection of power control of the electronic appliance by a user making an access thereto through the Internet from the remote user terminal, ...to control the telephone signal transmitting unit to supply the DTMF signal to the telephone network accessing unit of the selected electronic appliance based on a user input from the remote user terminal so that power of the selected electronic appliance is enabled," as recited in claim 1.

An aspect of the present invention provides a remote control system of an electronic appliance capable of remotely controlling the electronic appliance by means of a user's terminal accessible to an Internet, without constructing a separate network, and a remote control method employing the same.

According to this aspect, the present invention discloses that a user accesses a remote control server through an Internet at a remote user terminal, the proper telephone number of the electronic appliance is read out using telephone databases through a server controlling unit of the remote control server, and a telephone signal transmitting unit is controlled so as to supply a ring signal and a DTMF signal to a selected electronic appliance. Accordingly, electronic appliances can be remotely controlled without a separate network by each electronic appliance by using a remote control server comprising a remote control user terminal accessible thereto through the Internet and a server controller.

Nouri, Iavergne, and Carmello do not disclose any technical features of the present invention and any configuration to accomplish these technical features. In particular, the cited references do not disclose that a user can control electronic appliances using the Internet as well as the telephone network without a separate network by each electronic appliance, by using a remote control server comprising a remote control user terminal accessible thereto through the Internet and a server controller.

Accordingly, these references taken alone or in combination do not disclose this configuration. Therefore, for at least these reasons, claim 1 is patentably distinguishable from the cited references.

Claims 3 and 4 depend from claim 1 and include all of the features of claim 1. Therefore, for at least these reasons, claims 3 and 4 are patentably distinguishable from the cited references.

Similarly, Nouri, Iavergne, and Carmello, taken separately or in combination, do not disclose, teach, or suggest at least, "allowing a user to access the remote control server through the Internet; and controlling the electronic appliance to enable a power thereof by reading out the stored proper telephone number of the electronic appliance that is selected according to a selection of power control of the electronic appliance by the user accessing the remote control server from a remote user terminal through the Internet and by supplying both a ring signal and a DTMF (dual-tone multi-frequency) signal to the selected electronic appliance having the proper telephone number through a telephone network," as recited in claim 5. Therefore, for at least these reasons, claim 5 is patentably distinguishable from the cited references.

Claims 7 and 8 depend from claim 5 and include all of the features of claim 5. Therefore, for at least these reasons, claims 7 and 8 are patentably distinguishable from the cited references.

Similarly, Nouri, Iavergne, and Carmello, taken separately or in combination, do not disclose, teach, or suggest at least, "wherein a user controls power to the plurality of electronic appliances via the remote user terminal, and wherein the remote control server comprises:... a telephone signal transmitting unit to transmit both a ring signal and a DTMF (dual-tone multi-frequency) signal to the plurality of electronic appliances based on input from the remote user terminal to control the power to the plurality of electronic devices," as recited in claim 9. Therefore, for at least these reasons, claim 9 is patentably distinguishable from the cited references.

Claims 10, 11, and 13-18 depend from claim 9 and include all of the features of claim 9. Therefore, for at least these reasons, claims 10, 11, and 13-18 are patentably distinguishable from the cited references.

Similarly, Nouri, Iavergne, and Carmello, taken separately or in combination, do not disclose, teach, or suggest at least, "an internet accessing unit to access the Internet to communicate with the remote user terminal;...wherein a user controls power to the plurality of electronic appliances via the remote user terminal by causing the telephone signal transmitting unit to transmit both the ring signal and the DTMF signal to the plurality of electronic devices based on user input to the remote user terminal," as recited in claim 19. Therefore, for at least these reasons, claim 19 is patentably distinguishable from the cited references.

Accordingly, withdrawal of this rejection is respectfully requested.

Summary

Claims 1, 3-5, 7-11 and 13-19 are pending and under consideration. It is respectfully submitted that none of the references taken alone or in combination disclose the present claimed invention.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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